

# 1119-14.ST25 SEQUENCE LISTING

| <110>                            | The Rockefeller University                                |    |
|----------------------------------|---|----|
| <120>                            | Pancreatic Islet microRNA and Methods for Inhibiting Same |    |
| <130>                            | 1119-14   |    |
| <140><br><141>                   | 10/824,633<br>2004-04-13                                  |    |
| <160>                            | 66  |    |
| <170>                            | PatentIn version 3.2                                      |    |
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| <400><br>aucauag                 | 2<br>gagg aaaauccacg u                                    | 21 |
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| <210><br><211><br><212><br><213> | 12<br>21<br>RNA<br>Mouse        |    |
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| uaacucu   | 67 |
| <210> 26<br><211> 61<br><212> RNA<br><213> Homo sapiens                       |    |
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| aagaug                           | guug accauagaac                 | augcgcuauc | 1119-14.<br>ucugugucgu |            | guccacaucu | 60 |
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| u                                |                                 |            |                        |            |            | 61 |
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| agcucu                           | cugu gagua                      |            |                        |            |            | 75 |
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| aacacu                           | uuuu ucagua                     |            |                        |            |            | 76 |
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| ugguca                           | gaaa gag                        | •          |                        |            |            | 73 |
| <210><br><211><br><212><br><213> | 30<br>88<br>RNA<br>Homo sapiens |            |                        |            |            |    |
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| cuagaa                           | auug uucauaaugc                 | cuguaaca   |                        |            |            | 88 |
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| aggc                             |                                 | <b>33</b>  | 3 3 3 **               | <b>J J</b> |            | 64 |
| <210><br><211><br><212><br><213> | 32<br>68<br>RNA<br>Mouse        |            |                        |            |            |    |

| <400><br>uaaaag                  | 32<br>guag auucuccuuc    | uaugaguaca | auauuaauga  | cuaaucguag | aggaaaaucc | 60 |
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| acguuu                           | uc                       |            |             |            |            | 68 |
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| <400><br>ugagca                  | 33<br>gagg uugcccuugg    | ugaauucgcu | uuauugaugu  | ugaaucacac | aaaggcaacu | 60 |
| uuuguu                           | ug                       |            |             |            |            | 68 |
| <210><br><211><br><212><br><213> | 34<br>66<br>RNA<br>Mouse |            |             | ·          |            |    |
|                                  | 34<br>ccug acuccagguc    | cuguguguua | ccucgaaaua  | gcacuggacu | uggagucaga | 60 |
| aggccu                           |                          |            |             |            |            | 66 |
| <210><br><211><br><212><br><213> | 35<br>66<br>RNA<br>Mouse |            |             |            |            |    |
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| aacucu                           | <del>,</del>             | -99-9-9    |             | connegunac |            | 66 |
| <210><br><211><br><212><br><213> | 36<br>61<br>RNA<br>Mouse |            |             |            |            |    |
| <400>                            | 36<br>guug accauagaac    | augcgcuacu | ucugugucgu  | auguaguaug | guccacaucu | 60 |
| u                                |                          |            |             |            |            | 61 |
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| agcucu                           | cugu gagua               |            |             |            |            | 75 |
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|                                  | 1119-14.ST25  |    |
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| <212><br><213>                   | RNA<br>Mouse  |    |
| <400><br>uacuug                  | 38<br>aaga gaaguuguuc gugguggauu cgcuuuacuu gugacgaauc auucacggac | 60 |
| aacacu                           | uuuu ucagua   | 76 |
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| ucagaa                           | agag  | 70 |
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| <400><br>uguuaa                  | 40<br>auca ggaauuguaa acaauuccua ggcaaugugu auaauguugg uaagucauuc | 60 |
| cuagaa                           | auug uucacaaugc cuguaaca  | 88 |
| <210><br><211><br><212><br><213> | 41<br>22<br>RNA<br>Artificial sequence                            |    |
| <220><br><223>                   | anti-pancreatic islet microRNA molecule                           |    |
| <400><br>ucacgc                  | 41<br>gagc cgaacgaaca aa  | 22 |
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| <400><br>acgugga                 | 42<br>auuu uccucuauga u   | 21 |
| <210><br><211><br><212><br><213> | 22  |    |
| <220><br><223>                   | anti-pancreatic islet microRNA molecule                           |    |
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## 1110\_1/ CT25

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| <220><br><223>                   | anti-pancreatic islet microRNA molecule |    |
| <400><br>acacag                  | 44<br>gacc uggagucagg ag                | 22 |
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| <400><br>uacguu                  | 45<br>ccau agucuacca                    | 19 |
| <212>                            | 19                                      |    |
| <220><br><223>                   | anti-pancreatic islet microRNA molecule |    |
|                                  | 46<br>cuau ggucaacca                    | 19 |
| <211><br><212>                   | 47<br>22<br>RNA<br>Artificial sequence  |    |
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| <210><br><211><br><212><br><213> | 48<br>22<br>RNA<br>Artificial sequence  |    |
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|                                  | 1119-14.ST25                            |    |
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| <211><br><212><br><213>          | 22<br>RNA                               |    |
| <220><br><223>                   | anti-pancreatic islet microRNA molecule |    |
| <400><br>agccaca                 | 49<br>aauc accuucugau cu                | 22 |
| <210><br><211><br><212><br><213> | 50<br>20<br>RNA<br>Artificial sequence  |    |
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| <400><br>uaugaa                  | 50<br>caau uucuaggaau                   | 20 |
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| <220><br><223>                   | anti-pancreatic islet microRNA molecule |    |
| <400><br>ucacgc                  | 51<br>gagc cgaacgaaca aa                | 22 |
| <210><br><211><br><212><br><213> | 52<br>21<br>RNA<br>Artificial sequence  |    |
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| <400><br>acgugga                 | 52<br>auuu uccucuacga u                 | 21 |
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| <400><br>uacguu                  | 55<br>ccau agucuacca                    | 19 |
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| <400><br>acagaga                 | 57<br>agcu ugcccuugua ua                | 22 |
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| <210><br><211><br><212><br><213> | 59<br>22<br>RNA<br>Artificial sequence  |    |
| <220><br><223>                   | anti-pancreatic islet microRNA molecule |    |
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| <210><br><211><br><212><br><213> |  |    |
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| <210><br><211><br><212><br><213> | 25   |    |
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| <210><br><211><br><212><br><213> | 44   |    |
| <220><br><223>                   | primer   |    |
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| <210><br><211><br><212><br><213> | 44   |    |
| <220><br><223>                   | primer   |    |
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| <220><br><223>                   | primer                      |    |
| <400><br>cccttt                  | 66<br>gaca gaagcaattt cacgc | 25 |